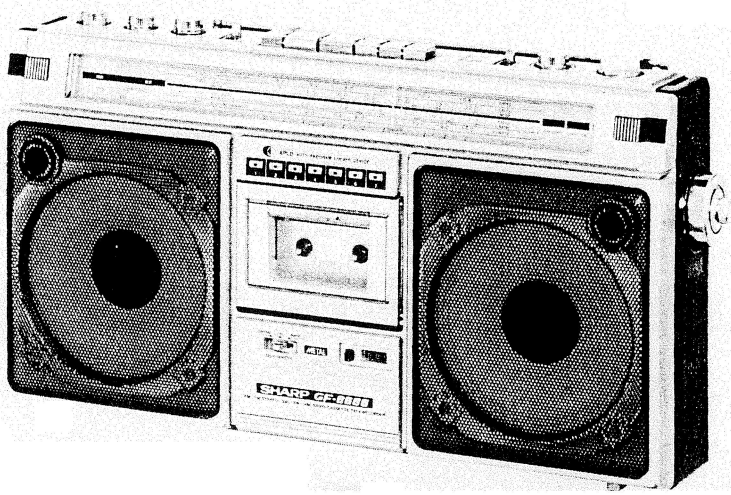
SHARP SERVICE MANUAL

ATSM980111RCS



APLD
Auto Program Locate Device

STEREO RADIO
CASSETTE RECORDER

MODEL
GF-8686Z

SPECIFICATIONS

GENERAL

Type:	Portable stereophonic cassette tape recorder with built-in AM/SW1/SW2/FM 4-band radio
Power source:	AC 110/220/240 V, 50/60 Hz DC 12 V (Eight UM/SUM-1, R20 batteries or external DC supply)
Speakers:	16 cm (6-½") 3.2 ohms x 2 (Woofer) Horn type x 2 (Tweeter)
Output power:	MPO (Max.) 16 W (8 W + 8 W)
Semiconductors:	9 ICs (Integrated Circuit) 27-Transistors 34-Diodes 14-LEDs 1-SCR
Dimensions:	
Width:	502 mm (19-3/4")
Depth:	115 mm (4-1/2")
Hight:	270 mm (10-5/8")
Weight:	5.9 kg (13.0 lbs) (without batteries)

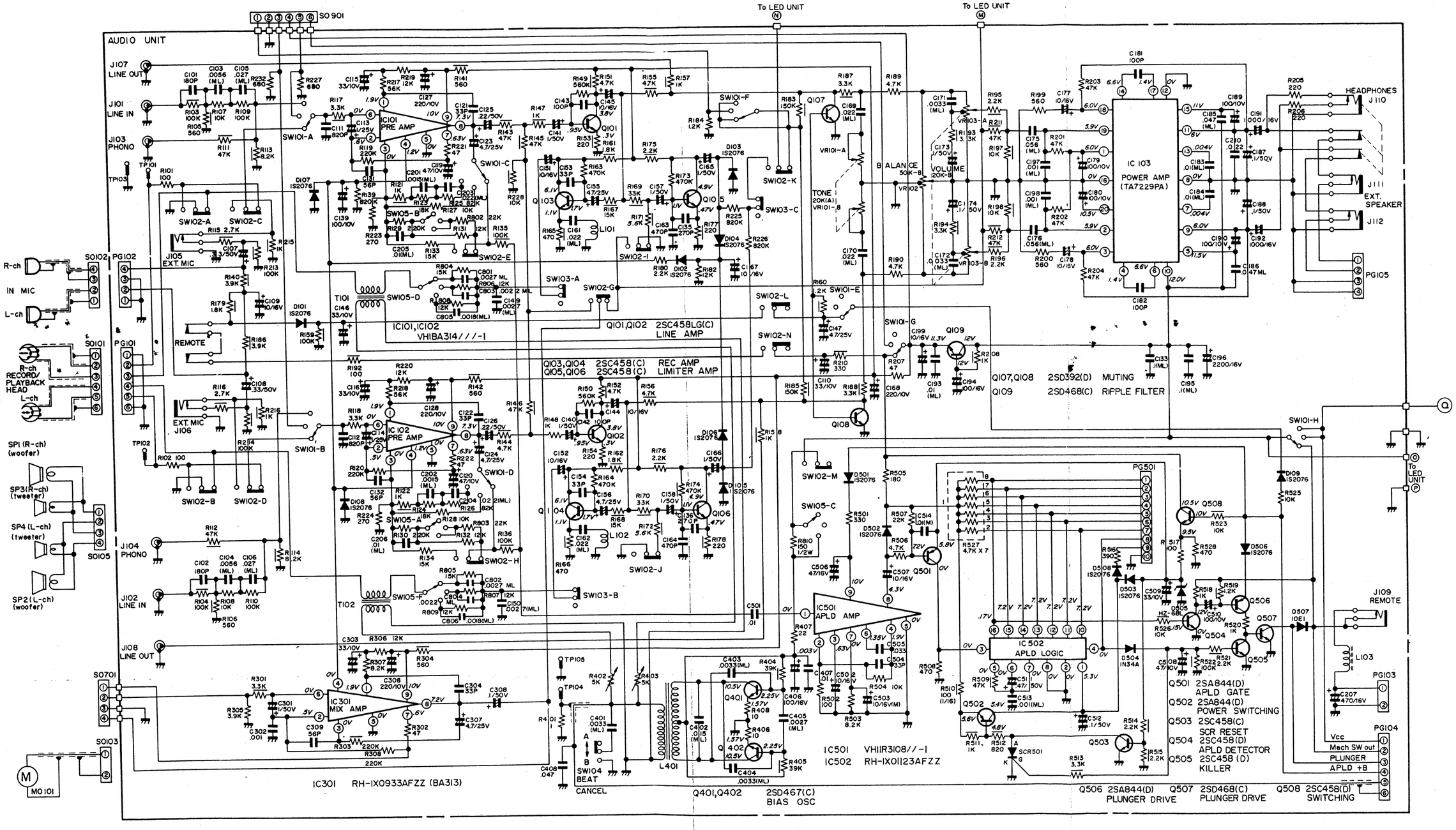
TAPE RECORDER SECTION

Tape:	Philips type compact cassette tape
Type:	4-track stereo cassette tape recorder
Tape speed:	4.8 cm/sec
Recording system:	AC bias
Erase system:	AC erase
Recording time:	60 minutes (with C-60 tape)
Fast forward or rewind time:	120 sec. (with C-60 tape)
Frequency response:	30 ~ 16,000 Hz (Metal tape) 40 ~ 14,000 Hz (CrO_2 tape) 40 ~ 12,000 Hz (Normal tape)
Wow and flutter:	0.07% WRMS
S/N ratio:	52dB (Metal tape)
Input sensitivity and input impedance:	
External microphone:	600 ohms
Mixing microphone	600 ohms
Line in:	0.1V/100K ohms
Output level and loaded impedance:	
Headphones:	8 ~ 25 ohms
External speaker:	3.2 ~ 8 ohms
Line out:	0.25V/50K ohms

RADIO SECTION

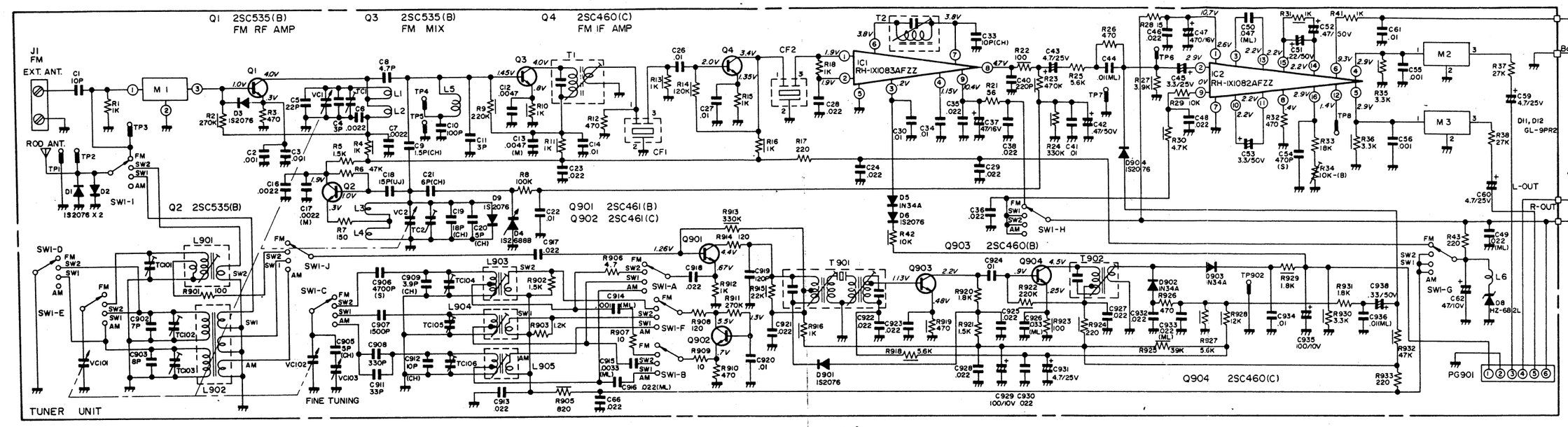
Frequency range:	AM (525 ~ 1,605 kHz) SW1 (2.3 ~ 7.3 MHz) SW2 (7.3 ~ 22 MHz) FM (87.6 ~ 108 MHz)
Intermediate frequency:	AM/SW1/SW2 455 kHz FM 10.7 MHz
Circuit system:	4-Band superheterodyne system

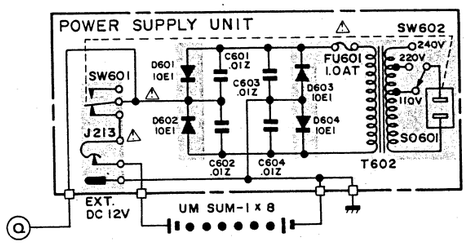
SHARP CORPORATION OSAKA, JAPAN

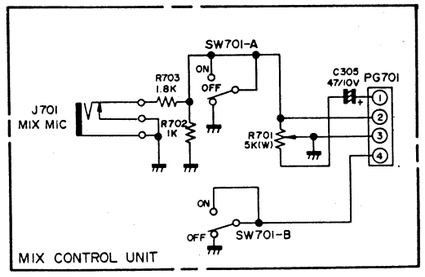


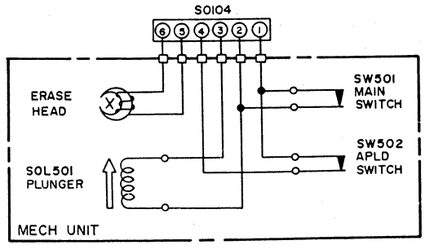
(Specifications or wiring diagrams of this model are subject to change for the improvement without prior notice.)

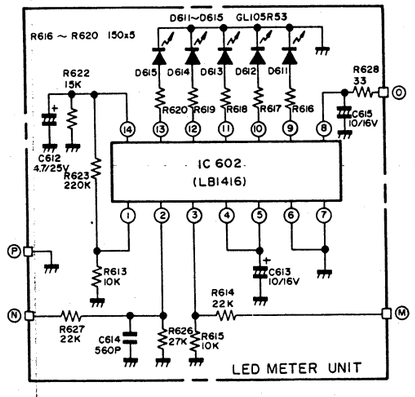
Figure 25 SCHEMATIC DIAGRAM (AUDIO SECTION)

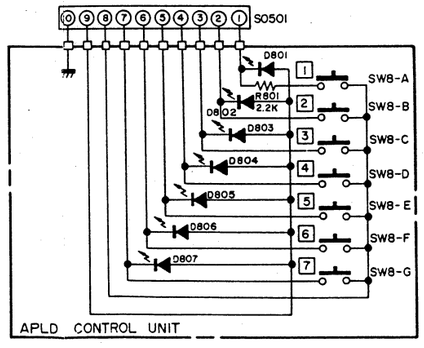












SWI(A-J)	Band Switch (FM-SW2-SWI-AM)
SW8(A-G)	APLD Selector Switch (OFF Position)
SWI01(A-H)	Function Switch (Tape-Radio-Phono/line in)
SWI02(A-N)	Playback/Record Switch (Playback-Record)
SWI03(A-D)	Editor Switch (ON-OFF)
SWI04	Beat Cancel Switch (A-B)
SWI05(A-F)	Tape Selector Switch (Normal-CrO2-Metal)
SW601	AC-DC Switch (AC-DC)
SW602	AC Supply Voltage Selector Switch(120-220-240V)
SW701(A~B)	Mixing Switch (ON-OFF)

NOTES:
Be sure to use regular parts for securing the safety and reliability of the set. Parts marked with " ⚠ " and parts cross-hatched (in black) are especially important for maintaining the safety and protecting ability of the set.
Be sure to replace them with parts of specified part number.

(Specifications or wiring diagrams of this model are subject to change for the improvement without prior notice.)

Figure 29 SCHEMATIC DIAGRAM (TUNER SECTION)

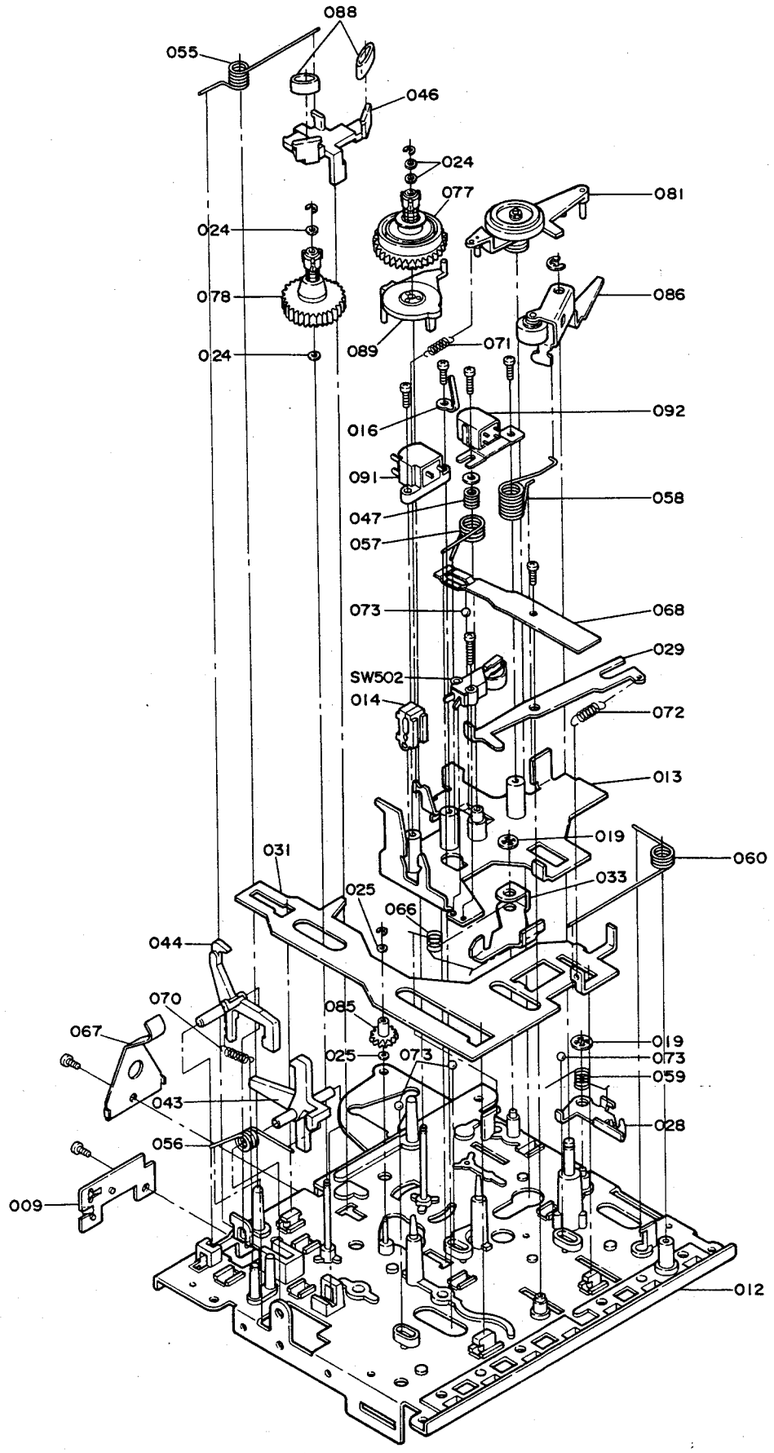


Figure 35 MECHANISM EXPLODED TOP VIEW

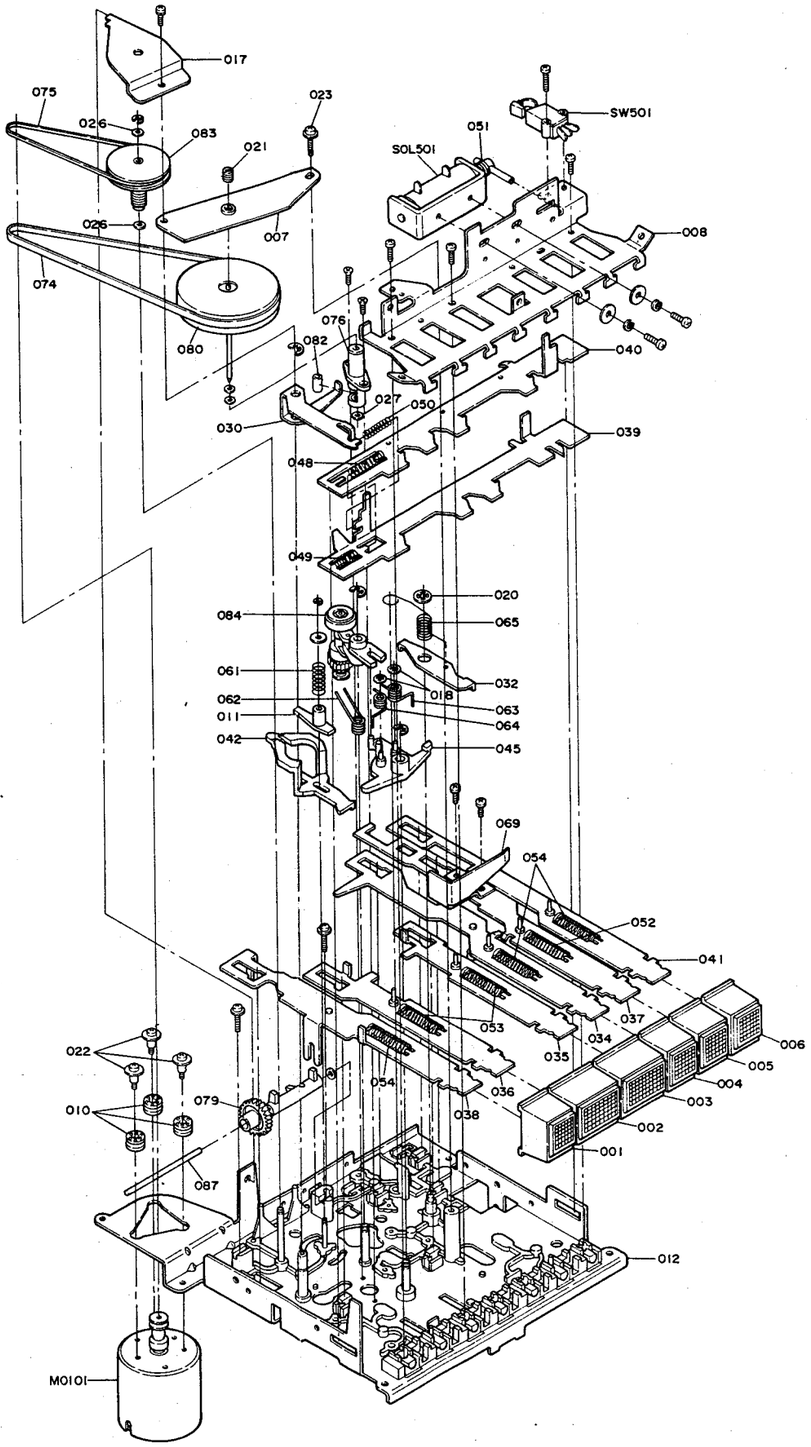


Figure 36 MECHANISM EXPLODED BOTTOM VIEW

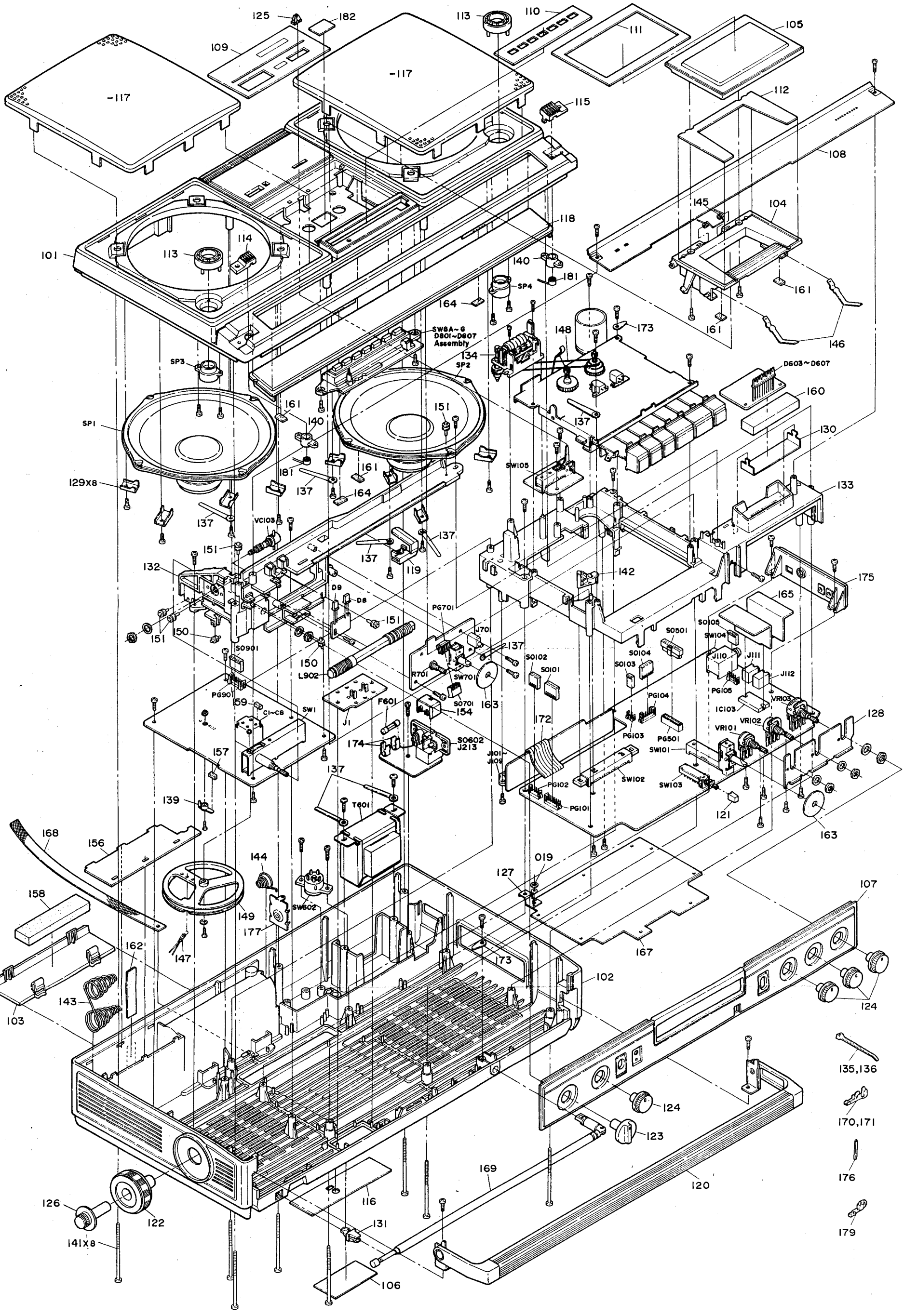


Figure 37 CABINET EXPLODED VIEW

REPLACEMENT PARTS LIST

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

NOTES: Be sure to use regular parts for securing the safety and reliability of the set. Parts marked with "⚠" and parts cross hatched (in black) are especially important for maintaining the safety and protecting ability of the set. Be sure to replace them with parts of specified part number.

REF. NO.	PART NO.	DESCRIPTION	CODE
		INTEGRATED CIRCUITS	
IC1	RH-IX1083AFZZ	FM IF Amp. (TA7303P)	AK
IC2	RH-IX1082AFZZ	FM Stereo Demodulator (BA1320)	AL
IC101, IC102	VHIBA314///-1	Pre Amp. (BA314)	AF
IC103	VHITA7229PA-F	Power Amp. (TA7229PA)	AQ
IC301	RH-IX0933AFZZ	Mixing Amp. (BA313)	AF
IC501	VHIIR3108//-1	APLD Detector (IR3108)	AK
IC502	RH-IX1123AFZZ	APLD Control (M54832P)	AS
IC602	VHILB1416//-1	VU Level Indicator/Tuning Indicator Drive (LB1416)	AK
		TRANSISTORS	
Q1	VS2SC535-B/-1	FM RF Amp. (2SC535B)	AC
Q2	VS2SC535-B/-1	FM Oscillator (2SC535B)	AC
Q3	VS2SC535-B/-1	FM Mixer (2SC535B)	AC
Q4	VS2SC460-C/-1	FM IF Amp. (2SC460C)	AC
Q101, Q102	VS2SC458LGC-1	Line Amp. (2SC458LGC)	AC
Q103, Q104	VS2SC458-C/-1	Record Amp. (2SC458C)	AB
Q105, Q106	VS2SC458-C/-1	Limiter Amp. (2SC458C)	AB
Q107, Q108	VS2SD392-D/-1	Muting (2SD392D)	AC
Q109	VS2SD468-C/-1	Ripple Filter (2SD468C)	AD
Q401, Q402	VS2SD467-C/-1	Bias Oscillation (2SD467C)	AC
Q501	VS2SA844-D/-1	APLD Switching (2SA844D)	AC
Q502	VS2SA844-D/-1	APLD Switching (2SA844D)	AC
Q503	VS2SC458-C/-1	Thyristor Reset (2SC458C)	AB
Q504	VS2SC458-D/-1	Plunger Control (2SC458D)	AB
Q505	VS2SC458-D/-1	Plunger Control (2SC458D)	AB
Q506	VS2SA844-D/-1	Plunger Control (2SA844D)	AB
Q507	VS2SD468-C/-1	Plunger Drive (2SD468C)	AD
Q508	VS2SC458-D/-1	APLD Switching (2SC458D)	AB
Q901	VS2SC461-B/-1	AM/SW1/SW2 Mixer (2SC461B)	AC
Q902	VS2SC461-C/-1	AM/SW1/SW2 Oscillation (2SC461C)	AC
Q903	VS2SC460-B/-1	AM/SW1/SW2 IF Amp. (2SC460B)	AC
Q904	VS2SC460-C/-1	AM/SW1/SW2 IF Amp. (2SC460C)	AC
		DIODES	
D1, D2	VHD1S2076//-1	Static Protector (1S2076)	AB
D3	VHD1S2076//-1	Protector (1S2076)	AB
D4	VHC1S2688-B1F	Variable Capacitance Diode (1S2688B)	AC
D5	VHD1N34A///-1	Tuning Indicator (1N34A)	AB
D6	VHD1S2076//-1	Tuning Indicator (1S2076)	AB
D8	VHEHZ6B2L//-1	Zener, Voltage Stabilizer (HZ6B2L)	AB
D9	VHD1S2076//-1	Overload (1S2076)	AB
D10	VHEWZ054///-1	Zener, Voltage Stabilizer (WZ054)	AB
D11	RH-PX1008AFZZ	Stereo Indicator (GL-9PR2)	AD
D12	RH-PX1008AFZZ	Battery Indicator (GL-9PR2)	AD
D101	VHD1S2076//-1	Remote Circuit (1S2076)	AB
D102	VHD1S2076//-1	ALC (1S2076)	AB
D103, D104, D105, D106	VHD1S2076//-1	VU Level Indicator Circuit (1S2076)	AB
D107, D108	VHD1S2076//-1	Static Protector (1S2076)	AB
D109	VHD1S2076//-1	Protector (1S2076)	AB
D501	VHD1S2076//-1	Reverse Current Protector (1S2076)	AB
D502	VHD1S2076//-1	Protector (1S2076)	AB
D503	VHD1S2076//-1	Switching (1S2076//-1)	AB
D504	VHD1N34A///-1	Rectifier (1N34A)	AB
D505	VHEHZ6B2L//-1	Zener, Voltage Stabilizer (HZ6B2L)	AB
D506	VHD1S2076//-1	Switching (1S2076)	AB
D507	VHD10E1////-1	Surge Absorber (10E1)	AC
D508	VHD1S2076//-1	Switching (1S2076)	AB
⚠D601, D602, D603, D604	VHD10E1////-1	Power Rectifier (10E1)	AC
D611, D612, D613, D614, D615	VHPGL105R53-1	VU Level Indicator/Tuning Indicator (GL105R53)	AK
D801, D802, D803, D804, D805, D806, D807	Not Available	APLD Number Storing Indicator, Part of QSW-Z0082AFZZ Assembly	
		CONTROLS	
R34	RVR-M0127AFZZ	10K ohm (B), V.C.O. Adjust	AC
VR101-A, B	RVR-A0134AFZZ	20K ohm (A), Tone	AH
VR102	RVR-B0180AFZZ	50K ohm (B), Balance	AF

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE
VR103-A, B	RVR-B0179AFZZ	20K ohm (B), Volume	AH
R402, R403	RVR-M0003SGZZ	5K ohm (B), Bias Current Adjust	AC
R701	RVR-Z0089AFZZ	5K ohm (B), Mic Mixing	AE
VC1, VC2, VC101, VC102, TC1, TC2, TC102, TC103	RVC-R0059AFZZ	Variable Capacitor, Tuning with Trimmers TC1: FM RF Trimmer TC2: FM Oscillator Trimmer TC102: SW1 Antenna Trimmer TC103: AM Antenna Trimmer	AQ
VC103	RVC-M0002AFZZ	Fine Tuning and Tuning Control	AH
TC101	RTO-H1007AFZZ	SW2 Antenna Trimmer	AC
TC104	RTO-H1007AFZZ	SW2 Oscillator Trimmer	AC
TC105, TC106	RTO-H2050AFZZ	SW1/AM Oscillator Trimmer	AD
THYRISTOR			
SCR501	VHSCR02AM1B-1	Silicon Controlled Rectifier	AE
COILS			
L1, L2	RCILR0090AFZZ	FM RF	AA
L3, L4	RCILR0118AFZZ	FM Oscillation	AA
L5	RCILC0030AFZZ	Choke	AB
L6	RCILF0014AGZZ	Choke	AC
L101, L102	RCILZ0019AGZZ	Peaking Coil	AC
L103	RCILF0014AGZZ	Noise Reduction	AC
L401	RCILB0465AFZZ	Bias Oscillator	AE
L901	RCILA0463AFZZ	SW2 Antenna	AD
L902	RCILA0441AFZZ	SW1/AM Bar Antenna	AM
L903	RCILB0358AFZZ	SW2 Oscillation	AE
L904	RCILB0357AFZZ	SW1 Oscillation	AD
L905	RCILB0444AFZZ	AM Oscillation	AC
TRANSFORMERS			
T1	RCILI0157AFZZ	FM IF	AC
T2	RCILI0208AFZZ	FM IF	AC
T101, T102	RCILB0468AFZZ	Bias Step Up	AD
⚠T601	RTRNP0586AFZZ	Power	AX
T901	RCILI0264AFZZ	AM IF	AG
T902	RCILI0170AFZZ	AM IF	AC
CERAMIC FILTERS			
CF1, CF2	RFILF0009AFZZ	FM IF, 10.7MHz	AD
PACKAGED CIRCUITS			
M1	RFILF0056AFZZ	Band Pass Filter	AE

REF. NO.	PART NO.	DESCRIPTION	CODE
M2, M3	RMPTA0104AFZZ	38kHz Trap	AD
R527	RMPTC0008AFZZ	4.7K ohm x 7	AD
ELECTROLYTIC CAPACITORS			
C37	RC-EZS476AF1C	47MFD, 16V, ±20%	AB
C42	VCEALU1HW474M	.47MFD, 50V, ±20%	AB
C43	VCEAAU1EW475A	4.7MFD, 25V, +75 –10%	AB
C45	VCEAAU1EW335A	3.3MFD, 25V, +75 –10%	AB
C47	RC-EZ1086AFZZ	470MFD, 16V, +50 –10%	AD
C51	VCEALU1HW224M	.22MFD, 50V, ±20%	AB
C52	VCEALU1HW474M	.47MFD, 50V, ±20%	AB
C53	VCEALU1HW335M	3.3MFD, 50V, ±20%	AB
C59	VCEAAU1EW475A	4.7MFD, 25V, +75 –10%	AB
C60	VCEAAU1EW475A	4.7MFD, 25V, +75 –10%	AB
C62	RC-EZS476AF1A	47MFD, 10V, ±20%	AB
C107	VCEALU1HW334M	.33MFD, 50V, ±20%	AB
C108	VCEALU1HW334M	.33MFD, 50V, ±20%	AB
C109	VCEAAU1CW106Y	10MFD, 16V, +50 –10%	AB
C110	VCEAAU1AW336Y	33MFD, 10V, +50 –10%	AB
C113, C114	VCSATU1EF105M	1MFD, 25V, ±20%, Tantalum	AC
C115, C116	VCEAAU1AW336Y	33MFD, 10V, +50 –10%	AB
C119, C120	RC-EZS476AF1A	47MFD, 10V, ±20%	AB
C123, C124	VCEAAU1EW475A	4.7MFD, 25V, +75 –10%	AB
C125, C126	VCEALU1HW224M	.22MFD, 50V, ±20%	AB
C127, C128	RC-EZS227AF1A	220MFD, 10V, ±20%	AB
C139	RC-EZS107AF1A	100MFD, 10V, ±20%	AB
C140, C141	VCEALU1HW105M	1MFD, 50V, ±20%	AB
C144, C145	VCEAAU1CW106Y	10MFD, 16V, +50 –10%	AB
C146	VCEAAU1AW336Y	33MFD, 10V, +50 –10%	AB
C147	VCEAAU1EW475A	4.7MFD, 25V, +75 –10%	AB
C151, C152	VCEAAU1CW106Y	10MFD, 16V, +50 –10%	AB
C155	VCEAAU1EW475A	4.7MFD, 25V, +75 –10%	AB
C156	VCEAAU1EW475A	4.7MFD, 25V, +75 –10%	AB
C157, C158	VCEAAU1HW105A	1MFD, 50V, +75 –10%	AB
C165, C166	VCEAAU1HW105A	1MFD, 50V, +75 –10%	AB
C167	VCEAAU1CW106Y	10MFD, 16V, +50 –10%	AB
C168	RC-EZS227AF1A	220MFD, 10V, ±20%	
C173, C174	VCEALU1HW104M	.1MFD, 50V, ±20%	AB
C177, C178	VCEAAU1CW106Y	10MFD, 16V, +50 –10%	AB
C179, C180	RC-EZS107AF1A	100MFD, 10V, ±20%	AB
C187, C188	VCEALU1HW104M	.1MFD, 50V, ±20%	AB
C189, C190	RC-EZS107AF1A	100MFD, 10V, ±20%	AB
C191, C192	RC-EZS108AF1C	1000MFD, 16V, ±20%	AD
C194	RC-EZS107AF1C	100MFD, 16V, ±20%	AB
C196	RC-EZS228AF1C	2200MFD, 16V, ±20%	AF

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE
C199	VCEAAU1CW106Y	10MFD, 16V, +50 –10%	AB
C207	RC-EZS477AF1C	470MFD, 16V, ±20%	AC
C301	VCEALU1HW105M	1MFD, 50V, ±20%	AB
C303	VCEAAU1AW336Y	33MFD, 10V, +50 –10%	AB
C305	RC-EZS476AF1A	47MFD, 10V, ±20%	AB
C306	RC-EZS227AF1A	220MFD, 10V, ±20%	AB
C307	VCEAAU1EW475A	4.7MFD, 25V, +75 –10%	AB
C308	VCEALU1HW104M	.1MFD, 50V, ±20%	AB
C406	RC-EZS107AF1C	100MFD, 16V, ±20%	AB
C502	VCEAAU1CW106Y	10MFD, 16V, +50 –10%	AB
C503	VCEALU1CW106M	10MFD, 16V, ±20%	AB
C506	RC-EZS476AF1C	47MFD, 16V, ±20%	AB
C507	VCEAAU1CW106Y	10MFD, 16V, +50 –10%	AB
C508	RC-EZS476AF1A	47MFD, 10V, ±20%	AB
C509	VCEAAU1AW336Y	33MFD, 10V, +50 –10%	AB
C510	RC-EZS107AF1C	100MFD, 10V, ±20%	AB
C511	VCEALU1HW474M	.47MFD, 50V, ±20%	AB
C512	VCEALU1HW104M	.1MFD, 50V, ±20%	AB
C612	VCEAAU1EW475A	4.7MFD, 25V, +75 –10%	AB
C613	VCEAAU1CW106Y	10MFD, 16V, +50 –10%	AB
C615	VCEAAU1CW106Y	10MFD, 16V, +50 –10%	AB
C929	RC-EZS107AF1A	100MFD, 10V, ±20%	AB
C931	VCEAAU1EW475A	4.7MFD, 25V, +75 –10%	AB
C935	RC-EZS107AF1A	100MFD, 10V, ±20%	AB
C938	VCEALU1HW334M	.33MFD, 50V, ±20%	AB
CAPACITORS			
C1	VCCSPU1HL100D	10PF, 50V, ±.5PF, Ceramic	AA
C2	VCKYPU1HB102K	.001MFD, 50V, ±10%, Ceramic	AA
C3	VCKYPU1HB102K	.001MFD, 50V, ±10%, Ceramic	AA
C4	VCCSPU1HL3R0C	3PF, 50V, ±.25PF, Ceramic	AA
C5	VCCSPU1HL220J	22PF, 50V, ±5%, Ceramic	AA
C6	VCKYPU1HB222M	.0022MFD, 50V, ±20%, Ceramic	AA
C7	VCKYPU1HB222M	.0022MFD, 50V, ±20%, Ceramic	AA
C8	VCCSAT1HL4R7C	4.7PF, 50V, ±.25PF, Ceramic	AA
C9	VCCCPU1HH1R5C	1.5PF (CH), 50V, ±.25PF, Ceramic	AA
C10	VCCSPU1HL101J	100PF, 50V, ±5%, Ceramic	AA
C11	VCCSPU1HL3R0C	3PF, 50V, ±.25PF, Ceramic	AA
C12	VCKYPU1HB472M	.0047MFD, 50V, ±20%, Ceramic	AA
C13	VCKYPU1HB472M	.0047MFD, 50V, ±20%, Ceramic	AA
C14	VCTYAT1EX103N	.01MFD, 25V, ±30%, Semiconductor	AA
C16	VCKYPU1HB222M	.0022MFD, 50V, ±20%, Ceramic	AA
C17	VCKYPU1HB222M	.0022MFD, 50V, ±20%, Ceramic	AA
C18	VCCUPU1HJ150J	15PF (UN), 50V, ±5%, Ceramic	AA
C19	VCCCPU1HH180J	18PF (CH), 50V, ±.5PF, Ceramic	AA
C20	VCCCPU1HH5R0C	5PF (CH), 50V, ±.25PF, Ceramic	AA
C21	VCCCPU1HH6R0D	6PF (CH), 50V, ±.5PF, Ceramic	AA
C22	VCTYAT1EX103N	.01MFD, 25V, ±30%, Semiconductor	AA
C23	VCKYPU1HB223M	.022MFD, 50V, ±20%, Ceramic	AB

REF. NO.	PART NO.	DESCRIPTION	CODE
C24	VCTYAT1CY223N	.022MFD, 16V, ±30%, Semiconductor	AA
C26	VCKZPU1HF103Z	.01MFD, 50V, +80 –20%, Ceramic	AA
C27	VCKZPU1HF103Z	.01MFD, 50V, +80 –20%, Ceramic	AA
C28	VCKYPU1HB223M	.022MFD, 50V, ±20%, Ceramic	AB
C29	VCKYPU1HB223M	.022MFD, 50V, ±20%, Ceramic	AB
C30	VCKZPU1HF103Z	.01MFD, 50V, +80 –20%, Ceramic	AA
C33	VCCCPU1HH100K	10PF (CH), 50V, ±10%, Ceramic	AA
C34	VCKZPU1HF103Z	.01MFD, 50V, +80 –20%, Ceramic	AA
C35	VCKYPU1HB223M	.022MFD, 50V, ±20%, Ceramic	AB
C36	VCKZPU1HF223Z	.022MFD, 50V, +80 –20%, Ceramic	AA
C38	VCKYPU1HB223M	.022MFD, 50V, ±20%, Ceramic	AB
C40	VCCSPU1HL221J	220PF, 50V, ±5%, Ceramic	AA
C41	VCTYAT1EX103N	.01MFD, 25V, ±30%, Semiconductor	AA
C44	VCQYKU1HM103M	.01MFD, 50V, ±20%, Mylar	AB
C46	VCKYPU1HB223M	.022MFD, 50V, ±5%, Ceramic	AB
C48	VCTYAT1CY223N	.022MFD, 16V, ±30%, Semiconductor	AA
C49	VCQYKU1HM223M	.022MFD, 50V, ±20%, Mylar	AB
C50	VCQYKU1HM473M	.047MFD, 50V, ±20%, Mylar	AB
C54	VCQSMU1HS471J	470PF, 50V, ±5%, Styrol	AB
C55	VCKYAT1HB102K	.001MFD, 50V, ±10%, Ceramic	AA
C56	VCKYAT1HB102K	.001MFD, 50V, ±10%, Ceramic	AA
C61	VCKZPU1HF103Z	.01MFD, 50V, +80 –20%, Ceramic	AA
C64	VCQYKU1HM183K	.018MFD, 50V, ±10%, Mylar	AB
C65	VCQYKU1HM183K	.018MFD, 50V, ±10%, Mylar	AB
C66	VCKZPU1HF223Z	.022MFD, 50V, +80 –20%, Ceramic	AA
C101, C102	VCKYAT1HB181K	180PF, 50V, ±10%, Ceramic	AA
C103, C104	VCQYKU1HM562K	.0056MFD, 50V, ±10%, Mylar	AA
C105, C106	VCQYKU1HM273K	.027MFD, 50V, ±10%, Mylar	AB
C111	VCKYPU1HB821K	820PF, 50V, ±10%, Ceramic	AA
C112	VCKYPU1HB821K	820PF, 50V, ±10%, Ceramic	AA
C121, C122	VCCSAT1HL330J	33PF, 50V, ±5%, Ceramic	AA
C131	VCCSPU1HL560J	56PF, 50V, ±5%, Ceramic	AA
C132	VCCSAT1HL560J	56PF, 50V, ±5%, Ceramic	AA
C133	VCQYKU1HM104M	.1MFD, 50V, ±20%, Mylar	AC
C135, C136	VCKYAT1HB271K	270PF, 50V, ±10%, Ceramic	AA
C142, C143	VCCSAT1HL101J	100PF, 50V, ±5%, Ceramic	AA
C149, C150	VCQYKU1HM272K	.0027MFD, 50V, ±10%, Mylar	AA
C153, C154	VCCSAT1HL330J	33PF, 50V, ±5%, Ceramic	AA
C161, C162	VCQYKU1HM223K	.022MFD, 50V, ±10%, Mylar	AB
C163, C164	VCCSPU1HL471J	470PF, 50V, ±5%, Ceramic	AB
C169, C170	VCQYKU1HM223K	.022MFD, 50V, ±10%, Mylar	AB
C171, C172	VCQYKU1HM332K	.0033MFD, 50V, ±10%, Mylar	AA

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE
C175, C176	VCQYKU1HM563K	.056MFD, 50V, ±10%, Mylar	AB
C181, C182	VCCSAT1HL101J	100PF, 50V, ±5%, Ceramic	AA
C183, C184	VCQYKU1HM103M	.01MFD, 50V, ±20%, Mylar	AB
C185, C186	VCQYKU1HM473M	.047MFD, 50V, ±20%, Mylar	AB
C193	VCQYKU1HM103M	.01MFD, 50V, ±20%, Mylar	AB
C195	VCQYKU1HM104M	.1MFD, 50V, ±20%, Mylar	AC
C197, C198	VCQYKU1HM102K	.001MFD, 50V, ±10%, Mylar	AA
C201, C202	VCQYKU1HM152K	.0015MFD, 50V, ±10%, Mylar	AA
C203, C204	VCQYKU1HM223K	.022MFD, 50V, ±10%, Mylar	AB
C205, C206	VCQYKU1HM103K	.01MFD, 50V, ±10%, Mylar	AA
C210	VCKYPU1HB223M	.022MFD, 50V, ±20%, Ceramic	AB
C302	VCKYAT1HD102M	.001MFD, 50V, ±20%, Ceramic	AA
C304	VCCSAT1HC330J	33PF, 50V, ±5%, Ceramic	AA
C309	VCCSAT1HL560J	56PF, 50V, ±5%, Ceramic	AA
C401	VCQYKU1HM332K	.0033MFD, 50V, ±10%, Mylar	AA
C402	VCQYKU1HM153M	.015MFD, 50V, ±20%, Mylar	AB
C403	VCQYKU1HM332K	.0033MFD, 50V, ±10%, Mylar	AA
C404	VCQYKU1HM332K	.0033MFD, 50V, ±10%, Mylar	AA
C405	VCQYKU1HM272K	.0027MFD, 50V, ±10%, Mylar	AA
C407	VCTYAT1EX103N	.01MFD, 25V, ±30%, Semiconductor	AA
C408	VCQPSU2AA473J	.047MFD, 100V, ±5%, Polypropylene	AC
C501	VCTYAT1EX103N	.01MFD, 25V, ±30%, Semiconductor	AA
C504	VCCSAT1HL330J	33PF, 50V, ±5%, Ceramic	AA
C505	VCKZPU1HF333P	.033MFD, 50V, +100 −0%	AA
C513	VCQYKU1HM102K	.001MFD, 50V, ±10%, Mylar	AA
C514	VCKYPU1HB103M	.01MFD, 50V, ±20%, Ceramic	AA
C601	VCKZPU1HF223Z	.022MFD, 50V, +80 −20%	AA
C602	VCTYAT1EX223N	.022MFD, 25V, ±30%, Semiconductor	AA
C603, C604	VCTYAT1EX223N	.022MFD, 25V, ±30%, Semiconductor	AA
C614	VCKYAT1HB561K	560PF, 50V, ±10%, Ceramic	AA
C801, C802	VCQYKU1HM272K	.0027MFD, 50V, ±10%, Mylar	
C803, C804	VCQYKU1HM222K	.0022MFD, 50V, ±10%, Mylar	
C805, C806	VCQYKU1HM182K	.0018MFD, 50V, ±10%, Mylar	
C902	VCCSPU1HL7R0D	7PF, 50V, ±.5PF, Ceramic	AA
C903	VCCSPU1HL8R0D	8PF, 50V, ±.5PF, Ceramic	AA
C905	VCCCPU1HH5R0C	5PF (CH), 50V, ±.25PF, Ceramic	AA
C906	VCQSMT1HS472J	4700PF, 50V, ±5%, Styrol	AB
C907	VCTYAT1HV152K	1500PF, 50V, ±10%, Semiconductor	AA
C908	VCCSPU1HL331J	330PF, 50V, ±5%, Ceramic	AA
C909	VCCCAT1HH3R9C	3.9PF (CH), 50V, ±.25PF, Ceramic	AA
C911	VCCSAT1HL330J	33PF, 50V, ±5%, Ceramic	AA
C912	VCCCPU1HH100K	10PF (CH), 50V, ±10%, Ceramic	AA
C913	VCTYAT1CY223N	.022MFD, 16V, ±30%, Semiconductor	AA
C914	VCQYKU1HM102K	.001MFD, 50V, ±10%, Mylar	AA
C915	VCQYKU1HM332M	.0033MFD, 50V, ±20%, Mylar	AA
C916	VCQYKU1HM223M	.022MFD, 50V, ±20%, Mylar	AB
C917	VCKZPU1HF223Z	.022MFD, 50V, +80 −20%, Ceramic	AA
C918	VCTYAT1CY223N	.022MFD, 16V, ±30%, Semiconductor	AA
C919	VCCSAT1HL121J	120PF, 50V, ±5%, Ceramic	AA
C920	VCKZPU1HF103Z	.01MFD, 50V, +80 −20%, Ceramic	AA
C921	VCTYAT1CY223N	.022MFD, 16V, ±30%, Semiconductor	AA
C922	VCTYAT1CY223N	.022MFD, 16V, ±30%, Semiconductor	AA
C923	VCTYAT1CY223N	.022MFD, 16V, ±30%, Semiconductor	AA
C924	VCTYAT1EX103N	.01MFD, 25V, ±30%, Semiconductor	AA
C925	VCKZPU1HF223Z	.022MFD, 50V, +80 −20%, Ceramic	AA
C926	VCQYKU1HM333M	.033MFD, 50V, ±20%, Mylar	AB
C927	VCKZPU1HF223Z	.022MFD, 50V, +80 −20%, Ceramic	AA
C928	VCTYAT1CY223N	.022MFD, 16V, ±30%, Semiconductor	AA
C930	VCTYAT1CY223N	.022MFD, 16V, ±30%, Semiconductor	AA
C932	VCKZPU1HF223Z	.022MFD, 50V, +80 −20%, Ceramic	AA
C933	VCQYKU1HM223M	.022MFD, 50V, ±20%, Mylar	AB
C934	VCKZPU1HF103Z	.01MFD, 50V +80 −20%, Ceramic	AA
C936	VCQYKU1HM103M	.01MFD, 50V, ±20%, Mylar	AB

RESISTORS

(Unless otherwise specified resistors are 1/4W, ±5%, Carbon Type.)

R1	VRD-ST2EE102J	1K ohm	
R3	VRD-ST2EE471J	470 ohm	
R5	VRD-ST2EE152J	1.5K ohm	
R6	VRD-SU2EE473J	47K ohm	
R7	VRD-SU2EE151J	150 ohm	
R8	VRD-ST2EE104J	100K ohm	
R12	VRD-SU2EE471J	470 ohm	
R15	VRD-ST2EE102J	1K ohm	
R17	VRD-ST2EE221J	220 ohm	
R18	VRD-SU2EE102J	1K ohm	
R21	VRD-ST2EE560J	56 ohm	
R25	VRD-ST2EE123J	12K ohm	
R26	VRD-ST2EE471J	470 ohm	
R28	VRD-ST2EE150J	15 ohm	
R32	VRD-ST2EE471J	470 ohm	
R33	VRD-ST2EE183J	18K ohm	
R37	VRD-ST2EE273J	27K ohm	
R38	VRD-ST2EE273J	27K ohm	
R41	VRD-ST2EE102J	1K ohm	
R43	VRD-ST2EE221J	220 ohm	
R44	VRD-ST2HD103J	10K ohm, 1/2W, ±5%, Carbon	
R70	VRD-ST2EE471J	470 ohm	
R101, R102	VRD-ST2EE101J	100 ohm	
R107, R108	VRD-ST2EE103J	10K ohm	
R109, R110	VRD-ST2EE104J	100K ohm	
R118	VRD-ST2EE332J	3.3K ohm	
R119, R120	VRD-ST2EE224J	220K ohm	
R123, R124	VRD-ST2EE183J	18K ohm	
R125, R126	VRD-ST2EE823J	82K ohm	
R127, R128	VRD-ST2EE103J	10K ohm	
R129, R130	VRD-ST2EE224J	220K ohm	
R131, R132	VRD-ST2EE123J	12K ohm	
R133, R134	VRD-ST2EE153J	15K ohm	
R139	VRD-ST2EE824J	820K ohm	
R148	VRD-ST2EE102J	1K ohm	
R149, R150	VRD-ST2EE564J	560K ohm	
R154	VRD-ST2EE221J	220 ohm	
R163, R164	VRD-ST2EE474J	470K ohm	
R173	VRD-ST2EE474J	470K ohm	
R180	VRD-ST2EE222J	2.2K ohm	
R182	VRD-ST2EE123J	12K ohm	
R184	VRD-ST2EE122J	1.2K ohm	
R189, R190	VRD-ST2EE472J	4.7K ohm	
R199, R200	VRD-ST2EE561J	560 ohm	
R201, R202	VRD-ST2EE473J	47K ohm	
R203, R204	VRD-ST2EE473J	47K ohm	
R205, R206	VRD-ST2EE221J	220 ohm	
R207	VRD-ST2EE470J	47 ohm	
R217, R218	VRD-ST2EE563J	56K ohm	
R219, R220	VRD-ST2EE123J	12K ohm	
R221, R222	VRD-ST2EE470J	47 ohm	
R223, R224	VRD-ST2EE271J	270 ohm	
R225, R226	VRD-SU2EE824J	820K ohm	
R227	VRD-SU2EE681J	680 ohm	
R232	VRD-ST2EE681J	680 ohm	
R302	VRD-ST2EE470J	47 ohm	
R305	VRD-SU2EE392J	3.9K ohm	
R306	VRD-ST2EE123J	12K ohm	
R307	VRD-ST2EE822J	8.2K ohm	
R308	VRD-ST2EE224J	220K ohm	
R401	VRD-ST2EE1R0J	1 ohm	
R406	VRD-ST2EE100J	10 ohm	
R407	VRD-ST2EE220J	22 ohm	
R408	VRD-SU2EE100J	10 ohm	
R501	VRD-ST2EE331J	330 ohm	
R502	VRD-ST2EE101J	100 ohm	
R503	VRD-ST2EE822J	8.2K ohm	
R504	VRD-ST2EE103J	10K ohm	
R505	VRD-ST2EE181J	180 ohm	
R508	VRD-ST2EE471J	470 ohm	
R516	VRD-ST2EE391J	390 ohm	
R517	VRD-ST2EE101J	100 ohm	
R518	VRD-ST2EE102J	1K ohm	
R520	VRD-ST2EE102J	1K ohm	
R525	VRD-ST2EE103J	10K ohm	
R528	VRD-SU2EE471J	470 ohm	
R613	VRD-ST2EE103J	10K ohm	
R614	VRD-ST2EE223J	22K ohm	
R615	VRD-ST2EE103J	10K ohm	
R616	VRD-ST2EE151J	150 ohm	
R617	VRD-ST2EE151J	150 ohm	
R618	VRD-ST2EE151J	150 ohm	
R619	VRD-ST2EE151J	150 ohm	
R620	VRD-ST2EE151J	150 ohm	
R622	VRD-ST2EE153J	15K ohm	
R623	VRD-ST2EE224J	220K ohm	
R626	VRD-ST2EE273J	27K ohm	
R627	VRD-ST2EE223J	22K ohm	
R628	VRD-ST2EE330J	33 ohm	
R702	VRD-ST2EE102J	1K ohm	
R703	VRD-ST2EE182J	1.8K ohm	
R801	VRD-ST2EE222J	2.2K ohm	
R802, R803	VRD-SU2EE223J	22K ohm	
R804, R805	VRD-SU2EE153J	15K ohm	
R806, R807	VRD-SU2EE123J	12K ohm	
R808, R809	VRD-SU2EE123J	12K ohm	
R810	VRD-ST2HA151K	150 ohm, 1/2W, ±10%, Carbon	
R901	VRD-SU2EE101J	100 ohm	
R902	VRD-SU2EE152J	1.5K ohm	
R903	VRD-SU2EE122J	1.2K ohm	
R906	VRD-SU2EE4R7J	4.7 ohm	
R907	VRD-SU2EE100J	10 ohm	
R908	VRD-SU2EE121J	120 ohm	
R909	VRD-ST2EE100J	10 ohm	
R910	VRD-SU2EE471J	470 ohm	
R911	VRD-SU2EE274J	270K ohm	
R912	VRD-ST2EE102J	1K ohm	
R914	VRD-ST2EE121J	120 ohm	
R920	VRD-ST2EE182J	1.8K ohm	
R921	VRD-ST2EE152J	1.5K ohm	
R926	VRD-ST2EE471J	470 ohm	
R931	VRD-ST2EE472J	4.7K ohm	
R933	VRD-ST2EE221J	220 ohm	

MECHANICAL PARTS

001	JKNBM0334AFSA	Key, Pause	AE
002	JKNBM0335AFSA	Key, Fast Forward Wind/ Forward APLD	AE
003	JKNBM0336AFSA	Key, Rewind/Reverse APLD	AE
004	JKNBM0337AFSA	Key, Play	AE
005	JKBNM0338AFSA	Key, Record	AE
006	JKNBM0339AFSA	Key, Stop/Ejecy	AE
007	LANGF0435AFZZ	Bracket, Flywheel	AC
008	LANGF0465AFFW	Bracket, Plunger Retaining	AF
009	LANGF0466AFFW	Stopper, Fool Proof	AH
010	LBSHS0001AG00	Cushion, Motor	AA
011	LBSHZ0054AFZZ	Collar, Auto Stop Actuating Lever	AA

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE
012	LCHSM0295AFZZ	Main Chassis	
013	LCHSS0131AFZZ	Sub Chassis	
014	LHLDW1070AFZZ	Wire Holder	AB
016	LHLDW3007AGFD	Wire Holder	AA
017	LPLTM0107AFZZ	Protector, Worm Pulley	AB
018	LSTWC2001AFZZ	Stop Ring, ϕ2	AA
019	LSTWC3002AFZZ	Stop Ring, ϕ3	AA
020	LSTWC4004AFZZ	Stop Ring, ϕ4	AA
021	LX-BZ0107AGZZ	Screw, Flywheel Thrust Adjust	AB
022	LX-BZ0219AFFD	Screw, Motor	AA
023	LX-HZ0056AFFD	Screw, Flywheel Bracket	AA
024	LX-WZ5018AGZZ	Washer, ϕ2.1	AA
025	LX-WZ5020AGZZ	Washer, ϕ1.7	AA
026	LX-WZ5037AGZZ	Washer, ϕ2.6	AA
027	LX-WZ9053AFZZ	Washer, Capstan Oil Cut	AA
028	MLEVF0802AFZZ	Lever, Pause Lock	AB
029	MLEVF0803AFZZ	Lever, Sub Chassis Return	AB
030	MLEVF0811AFFW	Lever, Lock Release	AC
031	MLEVF0812AFFW	Lever, APLD	AD
032	MLEVF0813AFFW	Lever, Record Safety	AB
033	MLEVF0817AFFW	Lever, Auto Stop Killer	AC
034	MLEVF0869AFZZ	Lever, Play	AE
035	MLEVF0871AFZZ	Lever, Rewind	AD
036	MLEVF0872AFZZ	Lever, Fast-forward	AD
037	MLEVF0874AFZZ	Lever, Record	AE
038	MLEVF0875AFZZ	Lever, Pause	AE
039	MLEVF0962AFZZ	Lever, Key Lever Lock	AD
040	MLEVF0963AFZZ	Lever, APLD Lock	AD
041	MLEVF0964AFZZ	Lever, Stop/Eject	AD
042	MLEVP0110AFZZ	Lever, Auto Stop Actuation	AC
043	MLEVP0112AFZZ	Lever, Cassette Chamber Lock	AC
044	MLEVP0113AFZZ	Lever, Erase Proof	AC
045	MLEVP0114AFZZ	Lever, Fast-forward/Rewind	AC
046	MLEVP0115AFZZ	Lever, Brake	AC
047	MSPRC0031AGMN	Spring, Record/Playback Head Azimuth	AA
048	MSPRC0161AFFJ	Spring, APLD Lock Lever	AA
049	MSPRC0164AFFJ	Spring, Key Lever Lock Lever	
050	MSPRC0167AFFJ	Spring, Lock Release Lever	AA
051	MSPRC0173AFFJ	Spring, Plunger	AA
052	MSPRC0202AFFJ	Spring, Record Lever	AA
053	MSPRC0203AFFJ	Spring, Fast-forward Lever/ Rewind Lever	AA
054	MSPRC0204AFFJ	Spring, Play/Pause/Stop Cassette Eject Lever	AB
055	MSPRD0181AFFJ	Spring, Brake Lever	AA
056	MSPRD0182AFFJ	Spring, Casstte Chamber Lock Lever	AA
057	MSPRD0183AFFJ	Spring, Over Stroke Abosrbing	AA
058	MSPRD0184AFFJ	Spring, Pressure Roller	AA
059	MSPRD0185AFFJ	Spring, Pause Lock Lever	AA
060	MSPRD0186AFFJ	Spring, APLD Lever	AA
061	MSPRD0187AFFJ	Spring, Auto Stop Collar	AB
062	MSPRD0188AFFJ	Spring, Fast-forward/Rewind Roller	AA
063	MSPRD0189AFFJ	Spring, Fast-forward/Rewind Roller (Left)	AA
064	MSPRD0190AFFJ	Spring, Fast-forward/Rewind Roller (Right)	AA
065	MSPRD0191AFFJ	Spring, Record Safety Lever	AA
066	MSPRD0192AFFJ	Spring, Auto Stop Killer Lever	AA
067	MSPRP0186AFFW	Plate Type Spring, Cassette Retaining	AB
068	MSPRP0187AFFJ	Plate Type Spring, Sub Chassis	AC
069	MSPRP0199AFFJ	Plate Type Spring, Record/ Playback Switch	AF
070	MSPRT0533AFFJ	Spring, Erase Safety Proof	AA
071	MSPRT0534AFFJ	Spring, Take-up Idler Lever	AA
072	MSPRT0548AFFJ	Spring, Sub Chassis Return Lever	AA
073	NBALS0053AFZZ	Steel Ball, ϕ3.5	AA
074	NBLTH0065AFZZ	Belt, Flywheel Drive	AD
075	NBLTK0125 AFZZ	Belt, Auto Stop	AC
076	NBRGC0061AFZZ	Bearing, Capstan	AE
077	NDAIR0127AFSA	Turntable, Take-up	AF
078	NDAIR0128AFSA	Turntable, Supply	AE
079	NDRM-0153AFZZ	Worm Wheel, Auto Stop	AE
080	NFLYC0073AFZZ	Flywheel	AK
081	NIDR-0061AFZZ	Idler Take-up	AF
082	NPLYR0050AFZZ	Pulley, Take-up	AB
083	NPLYR0060AFZZ	Pulley, Worm	AE
084	NROLW0008AFZZ	Roller, Fast-forward/Rewind	AH
085	NROLX0003AFZZ	Gear Rewind	AC
086	NROLY0016AFZZ	Pressure Roller	AE
087	NSFTN0004AFFW	Shaft, Worm Gear	AC
088	PCUSG0026AG00	Rubber, Brake Lever	AA
089	PGIDM0064AFZZ	Guide, Auto Stop Actuating Lever	AB
091	RHEDA0074AFZZ	Erase Head	AN
092	RHEDH0084AFZZ	Record/Playback Head	AT

MISCELLANEOUS

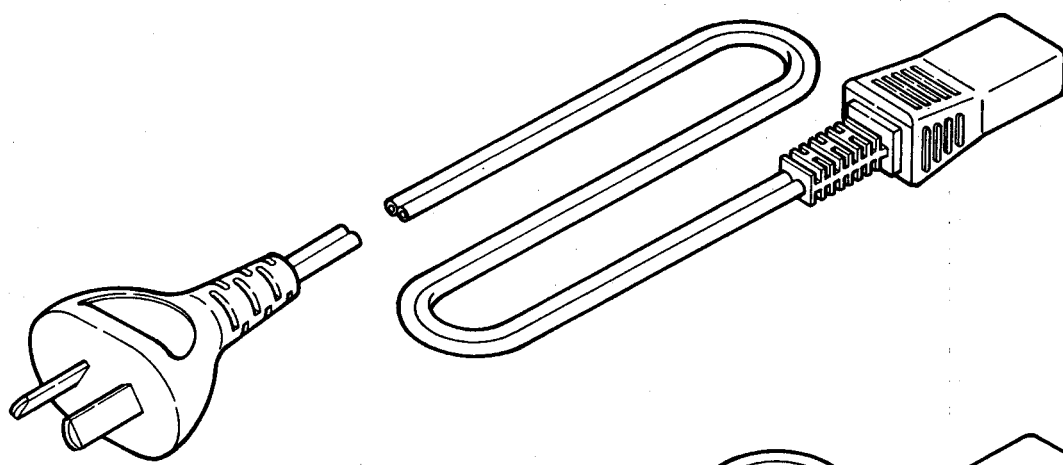
REF. NO.	PART NO.	DESCRIPTION	CODE
101	GCABA1512AFSA	Cabinet, Front	AW
102	GCABB1547AFSA	Cabinet, Rear	
103	GFTAB1111AFSB	Battery Compartment	AF
104	GFTAC1111AFSA	Cassette Compartment	AF
105	GFTAC1112AFSA	Transparent Plate, Cassette Compartment	AF
106	HINDP0215AFSA	Serial No. Plate	AB
107	GWAKP9035AFSA	Panel, Operation	
108	HCALM0226AFSA	Dial Plate	AL
109	HDECA0408AFSA	Decoration Plate, Front Cabinet Lower	AG
110	HDECA0409AFSA	Decoration Plate, APLD Number Storing Buttons	AD
111	HDECA0367AFSA	Decoration Frame, Cassette Compartment	AG
112	HDECA0368AFSA	Decoration Plate, Cassette Compartment	AC
113	HDECQ0109AFSA	Decoration Ring, Tweeter	AG
114	HDECQ0116AFSA	Decoration Ring, Microphone (Right)	AD
115	HDECQ0117AFSA	Decoration Ring, Microphone (Left)	AD
116	HINDM1289AFSA	Indication Plate, Warning	AC
117	HPNC-0117AFSA	Punching Metal, Speaker	AN
118	HPNLD1176AFSA	Plate, Transparent	AG
119	HSSND0251AFSA	Pointer, Dial	AD
120	JHNDG1062AFSB	Handle	AT
121	JKNBM0276AFSD	Knob, Editing Switch	AD
122	JKNBN0339AFSB	Knob, Tuning	AC
123	JKNBN0385AFSB	Knob, Band Selector	AE
124	JKNBN0436AFSA	Knob, Volume Control/ Balance Control/Tone Control/Mixing Micro-phone Volume Control	AE
125	JKNBP0100AFSA	Knob, Tape Selector Switch	AB
126	JKNBN0341AFSB	Knob, Fine Tuning Control	AB
127	LANGQ0636AFFW	Bracket, P.W. Board Retaining	AA
128	LANGR0453AFFW	Bracket, Volume	AC
129	LANGS0060AFFW	Bracket, Woofer Speaker Settle	AA
130	LANGT0909AFFW	Bracket, VU Level Indicator/ Tuning Indicator P.W. Board Retaining	AB
131	LHLDA1052AFSA	Holder, FM/SW Rod Antenna	AA
132	LHLDF1212AFZZ	Frame, Tuner P.W. Board Retaining	AH
133	LHLDF1213AFZZ	Frame, Audio P.W. Board Retaining	AL
134	KCOUB0089AFZZ	Digital Tape Counter	AK
135	LHLDW1068AFZZ	Wire Holder, 100mm	AA
136	LHLDW1075AFZZ	Wire Holder, 60mm	AA
137	LHLDW9003CEZZ	Wire Holder	AA
139	LHLDZ1088AFZZ	Guide, Drum	AB
140	LHLDZ3056AFZZ	Holder, Microphone	AB
141	LX-CZ0002AFZZ	Screw, Rear Panel	AB
142	MLEVP0123AFZZ	Lever, Record/Playback Switch	AC
143	MSPRC0175AFFN	Spring, Battery (Large)	AD
144	MSPRC0176AFFN	Spring, Battery (Small)	AB
145	MSPRD0204AFFW	Spring, Cassette Compartment	AB
146	MSPRP0089AGFW	Plate Type Spring, Cassette Compartment	AB
147	MSPRT0003AGFW	Spring, Dial Cord	AA
148	NBLTK0135AFZZ	Belt, Counter	AC
149	NDRM-0157AFZZ	Drum, Dial Cord	AD
150	NPLYB0050AFZZ	Pulley, Dial Cord	AA
151	NPLYB0051AFZZ	Pulley, Dial Cord	AA
154	PCOVW1100AFZZ	Cover, Mains Socket	AA
156	PCOVZ7056AFZZ	Battery Compartment	AD
157	PCUSS0120AF00	Cushion, Drum Guide	AA
158	PCUSU0092AG00	Cushion, Battery Compartment	AA
159	PCUSU0128AFZZ	Cushion, Coil	AA
160	PCUSU0236AFZZ	Cushion, VU Level Indicator/ Tuning Indicator P.W. Board	AA
161	PFLT-0095AG00	Felt, Rear Cabinet/Cassette Compartment	AA
162	PFLT-0127AF00	Felt, Battery Compartment	AA
163	PFLT-0304AF00	Felt, Function Selector/Mixing on/off Switch	AA
164	PFLT-0339AF00	Felt, Front Cabinet	AA
165	PRDAR0180AFFW	Heat Sink	AD
166	PSLDM3154AFFW	Shield Plate, Tuner P.W. Board	AC
167	PSLDM7114AFZZ	Shield Plate	AD
168	PTPEC0005AG00	Ribbon, Battery Removal	
	QACCL0050AF00	AC Supply Cord (SAA)	
	QACCZ0051AF00	AC Supply Cord	
169	QANTR0114AFZZ	FM/SW Rod Antenna	AM
PG103	QCNCM171BAFZZ	Plug, 2 Pin	AB
PG102	QCNCM173DAFZZ	Plug, 4 Pin	AB
PG105	QCNCM173DAFZZ	Plug, 4 Pin	AB
PG101	QCNCM175FAFZZ	Plug, 6 Pin	AC
PG104	QCNCM175FAFZZ	Plug, 6 Pin	AC
PG901	QCNCM175FAFZZ	Plug, 6 Pin	AC
PG701	QCNCM377DAFZZ	Plug, 4 Pin	AB
PG501	QCNCM395KAFZZ	Plug, 10 Pin	AC
SO701	QCNCW144DAFZZ	Socket, 4 Pin	AB
SO901	QCNCW146FAFZZ	Socket, 6 Pin	AB
170	QCNTZ0050AFZZ	Plug (Large)	AA
171	QCNTZ0051AFZZ	Plug (Small)	AA
SO101	QCNW-0398AFZZ	Socket, 6 Pin with Wire Lead	AG
172	QCNW-0405AFZZ	Flat Cable, 8 Pin	AC
SO104	QCNW-0657AFZZ	Socket, 6 Pin with Wire Lead	AG
SO102	QCNCW144DAFZZ	Socket, 4 Pin	
SO105	QCNW-0769AFZZ	Socket, 4 Pin with Wire Lead	AL
	QCNW-0770AFZZ	Tip with Wire Lead	AF
FU601	QFS-C102CAGNI	Fuse, 1.5A	AE
173	QHWS-3001AGFN	Lug	AA
174	QFSHD1001AGZZ	Fuse Holder	AA
J701	QJAKA0055AFZZ	Mixing Microphone Jack	AC
J111, J112	QJAKE0059AFZZ	External Speaker Jacks	AC
J110	QJAKJ0069AFZZ	Headphones Jack	AG
J101, J102, J103, J104, J105, J106, J107, J108, J109	QJAKZ0079AFZZ	J101: Line Input Jacks (Right-ch) J102: Line Input Jacks (Left-ch) J103: Phone Input Jacks (Right-ch) J104: Phone Input Jacks (Left-ch) J105: External Microphone Jacks (Right-ch) J106: External Microphone Jacks (Left-ch) J107: Line Output Jacks (Right-ch) J108: Line Output Jacks (Left-ch) J109: Remote start/stop Switch Jack	AP
175	QJAKZ0100AFZZ	Jack Cover	AD
176	QLUGP0111CEFW	Lug, 13mm	AA
	QPLGA0251AFZZ	AC Plug Adaptor	AE
SW602	QSOCE0551AFZZ	AC Supply Voltage Selector	AG
SW601, SO602, J213	QSOCZ2458AFZZ	AC/DC Input Terminal	AG
SW101	QSW-B0106AFZZ	Function Selector	AL
SW701	QSW-B0108AFZZ	Mixing on/off Switch	AG
SW105	QSW-B9085AFZZ	Tape Selector Switch	AH
SW502	QSW-F0044AGZZ	APLD Switch	AD
SW501	QSW-F0049AGZZ	Motor Switch	AE
SW103	QSW-P0172AFZZ	Editing Switch	AF
SW1	QSW-R0160AFZZ	Band Selector	AN
SW104	QSW-S0191AFZZ	Beat Cancel Switch	AD
SW102	QSW-S0240AFZZ	Record/Playback Switch	AK
SW8-A~G	QSW-Z0072AFZZ	APLD Number Storing Buttons Assembly (1 ~ 7)	
177	QTANB0156AFFN	Battery Terminal	AB
J1	QTANN0253AFZZ	External FM Antenna Terminal	AE
179	QTIPZ0058AFZZ	Tip	AA
181	RMICC0072AFZZ	Microphone	AF
MO101	RMOTV0080AFZZ	Motor	AU
SOL501	RPLU-0102AFZZ	Plunger	AH
	RTPEK0079AFZZ	Cassette Tape	AM
	SPAKA0548AFZZ	Packing Add. (Left)	AE
	SPAKA0549AFZZ	Packing Add. (Right)	AE
	SPAKC1501AFZZ	Packing Case	AM
	SSAKA0037AFZZ	Polyethylene Bag, AC Plug Adaptor	AA
	SSAKH0024AFZZ	Polyethylene Bag, Operation Manual etc.	AA
	SSAKH0087AGZZ	Polyethylene Bag, Unit	AB
	TCAUH0211AFZZ	Caution Card, AC Power Supply Cord Plug Adaptor	

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE
	TCAUS0104AFZZ	UL Safety Card	
	TCAUS0105AFZZ	Caution, Fuse	
	TINSE0671AFZZ	Operation Manual	AH
	TLABS0059AFZZ	Label, UL	
182	TLABZ0130AFZZ	Mirror	
	TLABZ0131AFZZ	Label, SHARP Eye	
	TMAPC0680AFZZ	Schematic Diagram	
	TTAG-0082AFZZ	Tag	
SP1, SP2	VSP0016PB37SP	Speaker, Woofer	AW
SP3, SP4	VSP00HNTZ16ZC	Speaker, Tweeter	AH

P.W. BOARD ASSEMBLY
(Not Replacement Item)

DUNTK0039AF06	Audio
DUNTR0131AF11	Tuner
DUNTZ0393AF02	VU Level Indicator/Tuning Indicator



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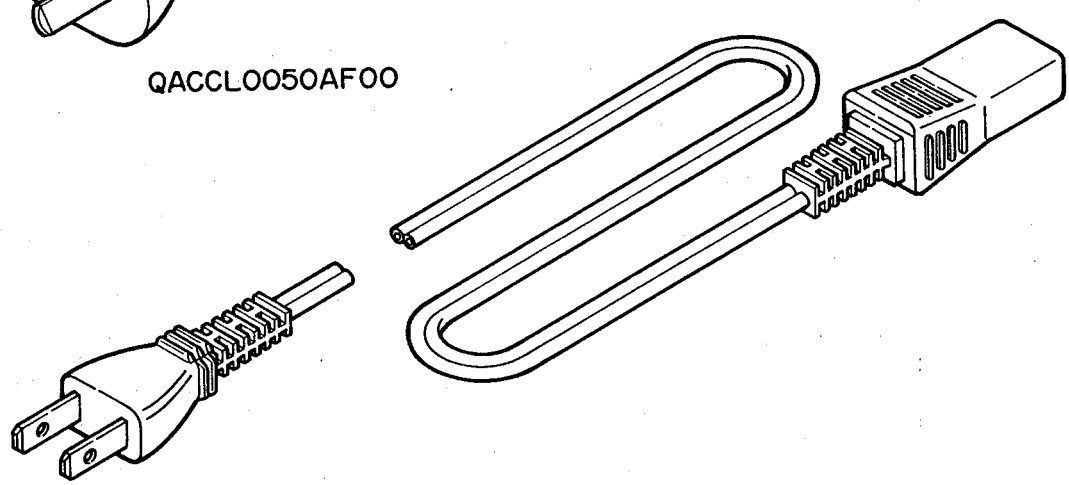

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